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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/891,384	07/14/2004	William J. Caveny	HES 2003-IP-010139U1PI	8928
28857	7590	12/21/2004	EXAMINER WALKER, ZAKIYA NICOLE	

CRAIG W. RODDY  
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P.O. BOX 1431  
DUNCAN, OK 73536-0440

ART UNIT  
3672

DATE MAILED: 12/21/2004

RECEIVED  
DEC 27 2004

CRAIG W. RODDY

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/891,384	CAVENY ET AL. <i>(Signature)</i>	
	<b>Examiner</b>	<b>Art Unit</b>	
	Zakiya N. Walker	3672	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is FINAL.                  2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-197 is/are pending in the application.
  - 4a) Of the above claim(s) 104-197 is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) See Continuation Sheet is/are rejected.
- 7) Claim(s) 9-16,23,24,28-36,40-42,46,50,51,56,60,61,63-69,75,76,82-84,89,90 and 93-98 is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) All    b) Some \* c) None of:
      1. Certified copies of the priority documents have been received.
      2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
      3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>07142004, 08232004</u> | 6) <input type="checkbox"/> Other: ____.  |

Continuation of Disposition of Claims: Claims rejected are 1-8,17-22,25-27,37-39,43-45,47-49,52-55,57-59,62,70-74,77-81,85-88,91,92 and 99-103.

**DETAILED ACTION**

***Election/Restrictions***

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1-103, drawn to method of cementing, classified in class 166, subclass 293.
  - II. Claims 104-197, drawn to cement composition, classified in class 106, subclass 608.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions II and I are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case the product as claimed can be used in a different process.
3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
4. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.

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5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

6. During a telephone conversation with Craig W. Roddy on 12/16/04 a provisional election was made without traverse to prosecute the invention of group I, claims 1-103. Affirmation of this election must be made by applicant in replying to this Office action. Claims 104-197 withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

7. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

### ***Specification***

8. The abstract of the disclosure is objected to because the term "the present invention" is cited in lines 1, 3-4, and 6-7. Correction is required. See MPEP § 608.01(b).

9. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The

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abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

### ***Claim Rejections - 35 USC § 102***

10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11. Claims 1-8, 17-22, 25-27, 37-39, 43-45, 47-49, 52-55, 57-59, 62, 70-74, 77-81, 85-88, 91, 92, and 99-103 are rejected under 35 U.S.C. 102(b) as being anticipated by Persinski et al.

Persinski et al. discloses a method a method of cementing in a subterranean formation comprising: providing a cement composition comprising a cement comprising an API cement, water, and a set retarder composition, the set retarder composition comprising: an acrylamide polymer derivative (2-acrylamido-2-methylpropane sulfonic acid), and an iron compound (ferrous ammonium sulfate); placing the cement composition into the subterranean formation; and permitting the cement composition to set therein. With respect to depending claims 2-8, 17-22, 25-27, 37-39, and 43-45, the method teaches the limitations as claimed. With respect to claim 47, the method teaches a method of cementing in a subterranean formation comprising: providing a cement composition comprising a cement comprising a cement, water, and a set retarder composition, the

set retarder composition comprising: a lignin-based retarder (calcium lignosulfonate ferrochrome lignosulfonate), and an iron compound; placing the cement composition into the subterranean formation; and permitting the cement composition to set therein. With respect to depending claims 48, 49, 52-55, 57-59, 62, and 70, the method teaches the limitations as claimed. With respect to claim 71, the method teaches a method of retarding the set time of a cement composition comprising: adding a set retarder composition to a cement composition, the set retarder composition comprising an acrylamide polymer derivative, and an iron compound; placing the cement composition into the subterranean formation; and permitting the cement composition to set therein. With respect to depending claims 72-74 and 77, the method teaches the limitations as claimed. With respect to claim 78, the method teaches a method of preparing a cement composition comprising: preblending a set retarder composition that comprises an acrylamide polymer derivative and an iron compound; and preparing a cement composition that comprises the set retarder composition, a cement, and water, subsequent to preblending the set retarder composition. With respect to depending claims 79-81, 85-88, 91, 92, and 99-103, the method teaches the limitations as claimed.

***Allowable Subject Matter***

12. Claims 9-16, 23, 24, 28-36, 40-42, 46, 50, 51, 56, 60, 61, 63-69, 75, 76, 82-84, 89, 90, and 93-98 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cowan and Childs et al. teach cement methods using lignin-based compound and an iron-based compound. Hubner et al. teaches a cement method using acrylamide and iron-based compounds.
14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zakiya N. Walker whose telephone number is (703) 305-0302. The examiner can normally be reached on Tuesday-Friday, 6:30 AM-5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bagnell can be reached on (703) 308-2151. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Zakiya N. Walker*  
Zakiya N. Walker  
Primary Examiner  
Art Unit 3672

zw

December 17, 2004



Sheet 1 of 2

FORM PTO-144 (MAY 2001 ed.)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. 10/891,384
		APPLICANT William J. Caveny et al.	
		FILING DATE July 14, 2004	GROUP unknown

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
AA	5,092,935	03/03/92	Crema et al.	106	808	
AB	5,355,955	01/18/94	Rodrigues et al.	166	293	
AC	5,421,881	06/06/95	Rodrigues et al.	106	809	
AD	5,588,489	12/31/96	Chatterji et al.	166	293	
AE	5,866,517	02/02/99	Carpenter et al.	507	226	
AF	5,986,276	11/16/99	Labriola, II	250	515.1	
AG	6,085,840	07/11/00	Laramay et al.	166	293	
AH	6,089,318	07/18/00	Laramay et al.	166	293	
AI	6,196,317 B1	03/06/01	Hardy	166	295	
AJ	6,465,587 B1	10/15/02	Bair et al.	526	240	
AK	6,590,050 B1	07/08/03	Bair et al.	526	240	

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subclass	Translation Yes   No
AL	GB 2 210 888 A	06/12/89	United Kingdom	CO8F	289/00	X
AM						
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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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12/17/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

FORM PTO-1449 <i>(Initial if considered)</i>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. 10/891,384
		APPLICANT William J. Caveny et al.	
		FILING DATE July 14, 2004	GROUP unknown

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
UV	AA	6,715,552 B2	04/06/04	Eoff et al.	166	293	
3.U	AB	6,767,867 B2	07/27/04	Chatterji et al.	507	216	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL							
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*12/17/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. 10/891,384
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT William J. Caveny et al.	
(Use several sheets if necessary)		FILING DATE July 14, 2004	GROUP unknown

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
AA	5,028,271	07/02/91	Huddleston et al.	106	720	
AB	4,938,803	07/03/90	Huddleston et al.	106	719	
AC	5,134,215	07/28/92	Huddleston et al.	527	400	
AD	5,147,964	09/15/92	Huddleston et al.	527	400	
AE	6,739,806 B1	05/25/04	Szymanski et al.	405	267	
AF	6,767,867 B2	07/27/04	Chatterji et al.	507	216	
AG	4,676,317	06/30/87	Fry et al.	166	293	
AH	US 2003/0008779	01/09/03	Chen et al.	507	200	
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subclass	Translation Yes   No
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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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DATE CONSIDERED

12/17/54

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT William J. Caveny et al.	
(Use several sheets if necessary)		FILING DATE concurrently herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
AA	3,132,693	05/12/64	Weisend	166	33	
AB	4,011,909	03/15/77	Adams et al.	166	293	
AC	4,015,991	04/05/77	Persinski et al.	106	90	
AD	4,022,731	05/10/77	Schmitt	260	29.6 e	
AE	4,107,057	08/15/78	Dill et al.	252	8.55 C	
AF	4,433,731	02/28/84	Chatterji et al.	166	293	
AG	4,466,837	08/21/84	Chatterji et al.	106	85	
AH	4,515,635	05/07/85	Rao et al.	106	90	
AI	4,554,081	11/19/85	Borchardt et al.	252	8.5 A	
AJ	4,555,269	11/26/85	Rao et al.	106	90	
AK	4,557,763	12/10/85	George et al.	106	90	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes	No
AL	0 157 055 A2	10/09/85	Europe	C04B	24/16	X	
AM	0,538,989 A2	04/28/93	Europe	E21B	33/13	X	
AN							
AO							
AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Halliburton brochure entitled "Halado-9 Fluid-Loss Additive" dated		
	1999		
AS	Halliburton brochure entitled "Halado-14 Fluid-Loss Additive" dated		
	1999.		
AT	Halliburton brochure entitled "Halado-22A Fluid-Loss Additive" dated		
	1998.		

EXAMINER

DATE CONSIDERED

5/7/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1469 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>(Use several sheets if necessary)</b>		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. unknown
		APPLICANT William J. Caveny et al.	
		FILING DATE concurrently herewith	GROUP Unknown

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
JW	AA	4,632,186	12/30/86	Boncan et al.	166	293	
JW	AB	4,640,942	02/03/87	Brothers	523	130	
	AC	4,676,317	06/30/87	Fry et al.	166	293	
	AD	4,687,516	08/18/87	Burkhalter et al.	106	90	
	AE	4,700,780	10/20/87	Brothers	166	293	
	AF	4,703,801	11/03/87	Fry et al.	166	293	
	AG	4,742,094	05/03/88	Brothers et al.	523	130	
	AH	4,791,989	12/20/88	Brothers et al.	166	293	
/	AI	4,806,164	02/21/89	Brothers	106	90	
V	AJ	4,931,489	06/05/90	Kucera et al.	523	130	
V	AK	5,110,853	05/05/92	Van-Det et al.	524	375	

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						
	AN						
	AO						
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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

LV	AR	Halliburton brochure entitled "Haladex-23 Fluid-Loss Additive" dated 2000.
	AS	Halliburton brochure entitled "Haladex-322 Fluid-Loss Additive" dated 1999.
↓	AT	Halliburton brochure entitled "Haladex-344 Fluid-Loss Additive" dated 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>(Use several sheets if necessary)</b>		<b>ATTY. DOCKET NO. 2003-IP-010139U1P1</b>	<b>SERIAL NO. unknown</b>
		<b>APPLICANT William J. Caveny et al.</b>	
		<b>FILING DATE concurrently herewith</b>	<b>GROUP Unknown</b>

**U. S. PATENT DOCUMENTS**

<b>EXAMINER INITIAL</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date if Appropriate</b>
	AA	5,149,370	09/22/92	Olaussen et al.	106	737	
	AB	5,151,131	09/29/92	Burkhalter et al.	106	822	
	AC	5,340,860	08/23/94	Brake et al.	524	166	
	AD	5,439,057	08/08/95	Weaver et al.	166	295	
	AE	5,547,506	08/20/96	Rae et al.	106	730	
	AF	5,558,161	09/24/96	Vitthal et al.	166	280	
	AG	5,680,900	10/28/97	Nguyen et al.	166	295	
	AH	5,988,279	11/23/99	Udarbe et al.	166	293	
	AI	5,996,694	12/07/99	Dewprashad et al.	166	294	
	AJ	6,182,758 B1	02/06/01	Vijn	166	293	
✓	AK	6,268,406 B1	07/31/01	Chatterji et al.	523	130	

**FOREIGN PATENT DOCUMENTS**

		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

JW	AR	Halliburton brochure entitled "Halado®-413 Fluid-Loss Additive" dated 1999.
	AS	Halliburton brochure entitled "Halado®-447 Fluid-Loss Additive" dated 1999.
J	AT	Halliburton brochure entitled "Halado®-567 Fluid-Loss Additive" dated 2000.
EXAMINER		DATE CONSIDERED
		7/17/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT William J. Caveny et al.	
(Use several sheets if necessary)		FILING DATE concurrently herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA 6,405,801 B1	06/18/02	Vijn et al.	166	293	
	AB 6,497,283 B1	12/24/02	Eoff et al.	166	293	
	AC 3,359,225	12/19/67	Weisend	260	29.6	
	AD 4,435,216	03/06/84	Diehl et al.	106	97	
	AE 4,482,379	11/13/84	Dibrell et al.	106	76	
	AF 4,818,288	04/04/89	Aignesberger et al.	106	90	
	AG 4,888,120	12/19/89	Mueller et al.	252	8.551	
	AH 5,383,967	01/24/95	Chase	106	737	
	AI 5,494,513	02/27/96	Fu et al.	106	672	
	AJ 5,749,418	05/12/98	Mehta et al.	166	292	
✓	AK 5,968,255	10/19/99	Mehta et al.	106	727	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
						Yes
	AL					
	AM					
	AN					
	AO					
	AP					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "Halade-600 E+ Fluid-Loss Additive" dated 1999.
	AS	Halliburton brochure entitled "Halade-700 Fluid-Loss Additive" dated 2000.
	AT	Halliburton brochure entitled "Fluid Loss Additives, Our Case For Halliburton Additives is Water Tight" dated 1994.

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DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>(Use several sheets if necessary)</b>		<b>ATTY. DOCKET NO. 2003-IP-010139U1P1</b>	<b>SERIAL NO. unknown</b>
		<b>APPLICANT</b> William J. Caveny et al.	
		<b>FILING DATE</b> concurrently herewith	<b>GROUP</b> Unknown

**U.S. PATENT DOCUMENTS**

<b>EXAMINER INITIAL</b>	<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date if Appropriate</b>
	AA 5,972,103	10/26/99	Mehta et al.	106	728	
	AB 6,170,575 B1	01/09/01	Reddy et al.	166	293	
	AC 6,245,142 B1	06/12/01	Reddy et al.	106	724	
	AD 6,379,456 B1	04/30/02	Heathman et al.	106	724	
	AE 6,478,869 B2	11/12/02	Reddy et al.	106	724	
	AF 6,494,951 B1	12/17/02	Reddy et al.	106	705	
	AG 3,936,408	02/03/76	Adams et al.	260	42.13	
	AH 4,622,373	11/11/86	Bardoliwalla	526	240	
	AI 4,657,648	04/14/87	Roark et al.	523	130	
	AJ 4,674,574	06/23/87	Savoly et al.	166	293	
	AK 4,699,225	10/13/87	Bardoliwalla	175	72	

**FOREIGN PATENT DOCUMENTS**

	<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
						Yes
AL						
AM						
AN						
AO						
AP						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

UV	AR	SPE 10623 entitled "Acrylamide/Acrylic Acid Copolymers for Cement Fluid Loss Control" by Lee McKenzie et al., dated 1982.
		Halliburton brochure "HR®-25 Cement Retarder" dated 1999.
J	AT	Halliburton brochure entitled "Silicalite Cement Additive" dated 1999.

EXAMINER

DATE CONSIDERED

12/17/02

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FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT William J. Caveny et al.	
(Use several sheets if necessary)		FILING DATE concurrently herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	AA	4,941,536	07/17/90	Brothers et al.	166	293	
	AB	5,028,341	07/02/91	Liao	252	8.512	
	AC	5,049,288	09/17/91	Brothers et al.	252	8.551	
	AD	5,116,421	05/26/92	Ganguli	106	823	
	AE	5,339,903	08/23/94	Eoff et al.	166	293	
	AF	5,472,051	12/05/95	Brothers	166	293	
	AG	5,536,311	07/16/96	Rodrigues	106	724	
	AH	5,571,318	11/05/96	Griffith et al.	106	725	
	AI	6,227,294 B1	05/08/01	Chatterji et al.	166	293	
✓	AJ	6,372,037 B1	04/16/02	Lebeo, JR. et al.	106	677	
	AK	6,457,524 B1	10/01/02	Roddy	166	293	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	AR	Halliburton brochure entitled "SCR-500L™ High-Temperature Retarder"
		Dated 2000.
✓	AS	Halliburton brochure entitled "SCR-100 Cement Retarder" dated 1999.
	AT	

EXAMINER

DATE CONSIDERED

12/17/04

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<b>FORM PTO-1469 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>(Use several sheets if necessary)</b>		ATTY. DOCKET NO. 2003-IP-010139U1P1	SERIAL NO. unknown
		APPLICANT William J. Caveny et al.	
		FILING DATE concurrently herewith	GROUP Unknown

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	AA	6,689,208 B1	02/10/04	Brothers	06	794	
	AB	6,739,806 B1	05/25/04	Szymanski et al.	405	267	
	AC	6,743,288 B2	06/01/04	Eoff et al.	106	724	
	AD	US 2003/0008779 A1	01/09/03	Chen et al.	507	200	
	AE	US 2003/0083204 A1	05/01/03	Chatterji et al.	507	200	
	AF	US 2004/0107877 A1	06/10/04	Getzlaf et al.	106	813	
	AG	US 2004/0108113 A1	06/10/04	Luke et al.	166	292	
✓	AH	US 2004/0112600 A1	06/17/04	Luke et al.	166	295	
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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AS		
AT		

EXAMINER *✓*

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2/17/04

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**Notice of References Cited**

Application/Control No.

10/891,384

Applicant(s)/Patent Under

Reexamination

CAVENY ET AL.

Examiner

Zakiya N. Walker

Art Unit

3672

Page 1 of 1

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	B	US-4,340,525	07-1982	Hubner et al.	507/224
	C	US-4,149,900	04-1979	Childs et al.	106/823
	D	US-5,411,092	05-1995	Cowan, Kenneth M.	166/293
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	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.